PTO/SB/01 (3-97)
Approved for use through 6/30/98. OMB 0651-0032
Patent and Trademark Office; US DEPARTMENT OF COMMERCE

				nless it displays a valid OMB control number.
DECLARATIO		Attorney Docket		71189-1796
UTILITY OR I	DESIGN	First Named Inve	entor	Jonathan L. Miner
PATENT APPL	ICATION		COMPLET	TE IF KNOWN
		Application No.		
□ Declaration	Declaration	Filing Date		
submitted with or	submitted after	Group Art Unit		
initial filing	initial filing	Examiner Name		
A = 1 = 1 = 1 =	711 .1 .1 .1 .1			
As a below named inventor, My residence, post office ad	dress, and citizenship	p are as stated below		
		· ·		w) or an original, first and joint
	listed below) of the	subject matter which	is claimed	and for which a patent is sought
on the invention entitled:	The man on the contract of the			
		CLEANING APPARAT	US	·
41	(Til	tle of the Invention)		
the specification of which is attached hereto				
or				
	as United St	tates Application Nun	nber or PC	T International Application
		ded on		
claims, as amended by any a I acknowledge the duty to di Federal Regulations § 1.56.	mendment specifical sclose information w	ly referred to above. Thich is material to pa	tentability	as defined in Title 37, Code of
I hereby claim foreign priori				
application(s) for patent or in				
designated at least one count				
below, by checking the box, international application hav				
				Certified Copy Attached
	,	. (MM/DD/YY)	Not Claime	
			_	
·				
Additional foreign application num	bers are listed on a supplement	ental priority data sheet PTO/	SB/02B attach	ed hereto:
I hereby claim the benefit under Title 3	5, United States Code §119(e) of any United States provis	ional applicati	on(s) listed below.
Application Number (s)	Filing Date (MM/DD/YY)		itional provisional application bers are listed on a supplemental
60/320,071	. 03	/31/03		rity data sheet PTO/SB/02B
			_	ched hereto.
·				

Please type a plus sign in this box:

+ PTO/SB/01 (3-97)

Approved for use through 6/30/98. OMB 0651-0032

Patent and Trademark Office; US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Once die Lapernone reede						esign Paten			ispiays a valid O		
I hereby claim the benefit under listed below and, insofar as the by the first paragraph of Title 3 Regulations § 1.56 which becar	Title 35, Unter subject matter o 5, United States	States Code §120 f each of the claim Code §112, I acknowledge	of any United s of this applica owledge the du	States ition is ty to d	applicati not disc isclose in	on(s) of any PCT i losed in the prioUr aformation which is	nternational ap nited States or F s material to pa	plication of the place of the p	national application as defined in Title	in the n	natter provided
U.S Parent Appli	cation	PCT I	Parent		Pa	rent Filing	Date	Pa	arent Paten	t Nu	mber
Number	<i>'</i>	Nun	nber		(N	1M/DD/YŸ	YY)		(if applic	able))
		PCT/US200	04/00992	27	03	/31/2004					
Additional U.S. or Po							y data sheet	PTO/SB	/02B attached he	reto.	-
As a named inventor, I here Trademark Office connecte	d therewith:	Customer No	umber 20915		•	osecute this appl		o transac	Place Custon Number Bar (Label Her	mer Code	ent and
Name		Registr	ation No.	Τ_		Name			Registrat		
John E. McGarry Joel E. Bair Mark A. Davis		22 33	,360 ,356 ,118			as Williams F. Kelly		1	42,2 50,8	28	<u>. </u>
Additional registered p	ractitioner(s)	named on supple	emental Regis	stered	Practit	ioner Informatio	n sheet PTO/	SB/02C	attached hereto.		
Direct all corresponde		Customer Nu or Bar Code				20915	or 🗌 C	orrespo	ondence Addr	ress be	elow
Name	John E. M McGarry	cGarry, Reg. Bair PC	No. 22,36	0							
Address	171 Mon	roe Avenue,	NW, Sui	te 6	00						
City, State, Zip	Grand Ra	pids, Michi	gan 4950	3							
Country	US		lephone		616-7	42-3500	Fax	(616-742-10	010	
I hereby declare that all stateme statements were made with the United States Code and that suc	knowledge that	willful false statem	ents and the lik	e so n	nade are	pun k sable by fine o	r imprisonment	, or both,			
Name of Sole or l	First Inve	entor	☐ A p	etit	ion h	as been file	d for this	s unsi	gned inven	tor.	
Given Name	(first and	middle [if	any])			F	amily Na	ame o	r Surname		
Jonathan L.		_			Mine	er					
Inventor's Signature		tan	m	6	N	mer		Date	d 6/1	7/2	4
Residence: City	Rock	ford	State	MI		Country	US	•	Citizenship		US
Post Office Address	50 S.	Lincoln Stree	et				1				
City	Rock	ford	State	M	II	Zip	49341		Country	US	
Additional inventors	are being n	amed on the 2	supplement	al ad	ditiona	l inventor(s) sh	neet(s) PTO	/SB/02	A attached here	to.	

Please type a plus sign in this box	Please	type a	plus	sign	in	this	box
-------------------------------------	--------	--------	------	------	----	------	-----

PTO/SB/02A (3-97)
Approved for use through 6/30/98. OMB 0651-0032
Patent and Trademark Office; US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid MB control number.

Name of Inventor			A petiti	on has b	een 1	filed fo	r this uns	igned i	nventor		
· · · · · · · · · · · · · · · · · · ·	irst and middle [if a	ny])					Family 1	Name o	or Surname		
Eric C.			,	Huffr	man						
Inventor's Signature	Em C.		7//	home	_			Date	ed 3/2 9	//0	F
Residence: City	Lowell	Stat	te M	Ī	Cou	ntry	US		Citizenship		US
Post Office Address	995 Flat River Dr	ive							<u>. </u>		
City	Lowell	Stat	e l	ΜI	Zip)	49331		Country	US	_
Name of Inventor	I		A petiti	on has b	een 1	filed fo	r this uns	igned i	nventor	L	· · -
Given Name (fi	irst and middle [if a	ny])				-	Family 1	Name o	or Surname		
Eric		<u> </u>		Sugal	lski		<u> </u>				
Inventor's Signature				<u> </u>	•	,	_	Date	ed		·
Residence: City	Chicago		State	IL	T	Countr	y US	1	Citizenship)	US
Post Office Address	801 S. Wells St.,	#1009)								
City	Chicago		State	IL	7	Zip	60607	· · · · · · · · · · · · · · · · · · ·	Country	US	
Name of Inventor			A petiti	on has b	een 1	filed fo	r this uns	igned i	nventor	<u> </u>	
	rst and middle [if a	□ ny])	A petiti						nventor or Surname	! <u>.</u>	·
	rst and middle [if a	ny])	A petiti	on has b							
Given Name (fi	irst and middle [if a	ny])	A petiti						or Surname		
Given Name (fi	irst and middle [if a	ny])	A petiti State		nreich		Family 1	Name o	or Surname		US
Given Name (fi Kevin Inventor's Signature		ny])		Ehrer	nreich	h	Family 1	Name o	or Surname		US
Given Name (fi Kevin Inventor's Signature Residence: City	Chicago	ny])		Ehrer	nreich	h	Family 1	Name o	or Surname	US	US
Given Name (fi Kevin Inventor's Signature Residence: City Post Office Address	Chicago 1251 W. Grace	ny])	State	Ehrer	C	h Country Zip	Family 1	Date	ed Citizenship Country		US
Given Name (fi Kevin Inventor's Signature Residence: City Post Office Address City Name of Inventor	Chicago 1251 W. Grace		State	Ehrer	C	h Country Zip	Family US 60613 r this uns	Date	ed Citizenship Country		US
Given Name (fi Kevin Inventor's Signature Residence: City Post Office Address City Name of Inventor	Chicago 1251 W. Grace Chicago		State	Ehrer	C	h Country Zip	Family US 60613 r this uns	Date	ed Citizenship Country		US
Given Name (fi Kevin Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi	Chicago 1251 W. Grace Chicago		State	Ehrer IL IL on has b	C	h Country Zip	Family US 60613 r this uns	Date	Country nventor or Surname		US
Given Name (fi Kevin Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi Mark	Chicago 1251 W. Grace Chicago		State	Ehrer IL IL on has b	C	h Country Zip	Family US 60613 r this uns Family 1	Date igned i	Country nventor or Surname	US	US
Given Name (fi Kevin Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi Mark Inventor's Signature	Chicago 1251 W. Grace Chicago rst and middle [if a		State State A petiti	Ehrer IL IL on has b	C	country Zip	Family US 60613 r this uns Family 1	Date igned i	Citizenship Country nventor or Surname	US	

Please type a plus sign in this bo	ox:
------------------------------------	-----

PTO/SB/02A (3-97)

Approved for use through 6/30/98. OMB 0651-0032

Patent and Trademark Office; US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

+

Name of Inventor			A petition	on has be	een filed fo	or this	s unsig	ned in	nventor		
Given Name (fi	rst and middle [if a	ny])				Fan	nily Na	ame o	r Surname		
Eric C.				Huffm	nan						
Inventor's Signature				<u> </u>				Date	ed		
Residence: City	Lowell	State	e M	I	Country	U	S		Citizenship)	US
Post Office Address	995 Flat River Dr	ive	•		-						
City	Lowell	State	N	/II	Zip	493	331		Country	US	•
Name of Inventor			A petition	on has be	en filed fo	or this	s unsig	ned in	nventor		
Given Name (fi	rst and middle [if a	ny])				Fan	nily Na	ame o	r Surname		
Eric C.		_		Sugals	ski						
Inventor's Signature	Em Colo	gali	hi					Date	ed 3/2	9/0	4
Residence: City	Chicago	S	State	IL	Count	ry	US		Citizenship)	US
Post Office Address	801 S. Wells St.,	#1009	•								
City	Chicago		State	IL	Zip	606	507		Country	US	
Name of Inventor	·		A petition	on has be	een filed fo	or this	s unsig	ned in	nventor		
	rst and middle [if a		A petition	on has be	een filed fo				nventor r Surname		
	rst and middle [if and		A petitio	on has be							
Given Name (fi	M. 1		A petition						r Surname	1/8	8004
Given Name (fi Kevin J.	rst and middle [if and middle continued or mid	ny])	A petition			Fan		ame o	r Surname		7004 US
Given Name (fi Kevin J. Inventor's Signature	Ruin 1.	ny])	nsu	Ehren	reich	Fan	nily Na	ame o	r Surname		
Given Name (fi Kevin J. Inventor's Signature Residence: City	Chicago /	ny])	nsu	Ehren	reich	Fan	nily Na	ame o	r Surname		
Given Name (fi Kevin J. Inventor's Signature Residence: City Post Office Address	Chicago L. 1251 W. Grace		State State	Ehren	Countr	Fan y 606	US	Date	cd 07 April Citizenship	,	
Given Name (fi Kevin J. Inventor's Signature Residence: City Post Office Address City Name of Inventor	Chicago L. 1251 W. Grace		State State	Ehrenn IL IL on has be	Countr Zip	Fan y 606 or this	US 513 s unsig	Date	cd 07 April Citizenship	,	
Given Name (fi Kevin J. Inventor's Signature Residence: City Post Office Address City Name of Inventor	Chicago Chicago		State State	Ehren	Countr Zip	Fan y 606 or this	US 513 s unsig	Date	cd 07 Agri Citizenship	,	
Given Name (fi Kevin J. Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi	Chicago 1251 W. Grace Chicago		State State A petition	Ehrend IL IL Slaver	Countr Zip	Fan y 606 or this	US 513 s unsig	Date	cd 07 April Citizenship Country nventor r Surname	,	US
Given Name (fi Kevin J. Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi Mark P.	Chicago 1251 W. Grace Chicago	ny])	State State A petition	Ehrend IL IL Slaver	Countr Zip een filed fo	Fan 606 or this Fan	US 513 s unsig	Date	cd 07 April Citizenship Country nventor r Surname	us /o4	US
Given Name (fi Kevin J. Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi Mark P. Inventor's Signature	Chicago 1251 W. Grace Chicago	ny])	State State A petition	Ehrende IL IL Slaver	Zip een filed for	Fan 606 or this Fan	US 513 s unsignily Na	Date	Citizenship Country nventor r Surname	us /o4	US

Please	type	а	nlus	sign	in	this	hox.
I icasc	LYPC	а	pius	SIEII	111	uns	DUA.

Please type a plus sign in this box:

Approved for use through 6/30/98. OMB 0651-0032

Patent and Trademark Office; US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Name of Inventor			A petition	n has be	en filed fo	r this uns	igned i	nventor			
Given Name (fi	rst and middle [if a	ny])		Family Name or Surname							
Tomas A.	4		,	Matusa	itis						
Inventor's Signature	7-41	mil	5				Date	ed 2004. 1	MAE	- 29	
Residence: City	Chicago	State	e IL	C	country	US		Citizenship	1	US	
Post Office Address	3041 W. Eastwoo	od	•	•		•		<u> </u>			
City	Chicago	State	П		Zip	60625		Country	US		
Name of Inventor			A petitio	n has be	en filed fo	r this uns	igned i	nventor			
Given Name (fi	rst and middle [if a	ny])				Family 1	Vame o	r Surname			
Randall S.				Koplin							
Inventor's Signature	761)	nlo		<u>'</u>			Date	ed 03/29	100	4	
Residence: City	Chicago	S	State	IL	Countr	ry US		Citizenship		US	
Post Office Address	3414 N. Bosworth	h	,								
City	Chicago		State	IL	Zip	60657		Country	US		
Name of Inventor			A petitic	n has be	en filed fo	r this uns	igned i	nventor			
Given Name (fi	rst and middle [if a	ny])				Family 1	Name o	r Surname			
Given Name (fi	rst and middle [if a	ny])		Condor	n	Family 1					
	rst and middle [if an	ny])	n	Condor	n	Family 1			-04	1	
Jeff R.	rst and middle [if and Chicago	RC	State	Condo	Country			ed 3-29 Citizenship	-07	US	
Jeff R. Inventor's Signature	Hi	R C	State	1					-0	US	
Jeff R. Inventor's Signature Residence: City	Chicago	R C	State State	1					US	US	
Jeff R. Inventor's Signature Residence: City Post Office Address	Chicago 4427 N. Greenvie	R C	State	IL IL	Country	US 60640	Date	ed 3-29 Citizenship		US	
Jeff R. Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi	Chicago 4427 N. Greenvie	R C	State	IL on has been	Country	US 60640	Date	ed 3-29 Citizenship		US	
Jeff R. Inventor's Signature Residence: City Post Office Address City Name of Inventor	Chicago 4427 N. Greenvie Chicago	R C	State	IL IL	Country	US 60640	Date	Country		US	
Jeff R. Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi	Chicago 4427 N. Greenvie Chicago	R C	State	IL on has been	Country	US 60640	Date	Country nventor or Surname		US	
Jeff R. Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi	Chicago 4427 N. Greenvie Chicago	R C	State	IL on has been	Country	60640 r this uns	Date	Country nventor or Surname	US	US	
Jeff R. Inventor's Signature Residence: City Post Office Address City Name of Inventor Given Name (fi Phong Hoang Inventor's Signature	Chicago 4427 N. Greenvie Chicago rst and middle [if and middle if and	ew Iny])	State A petition	IL IL on has been Tran	Zip en filed fo	60640 r this uns	Date	Country nventor or Surname	US		

Please type a plus sign in this box	Please	type a	plus sign	in this	box:
-------------------------------------	--------	--------	-----------	---------	------

PTO/SB/02A (3-97)

Approved for use through 6/30/98. OMB 0651-0032 Patent and Trademark Office; US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of informationunless it displays a valid OMB control number. A petition has been filed for this unsigned inventor Name of Inventor Given Name (first and middle [if any]) Family Name or Surname Matusaitis Tomas A. Inventor's Signature **Dated** US IL US Residence: City Chicago State Country Citizenship 3041 W. Eastwood **Post Office Address** IL Zip 60625 US City Chicago State Country A petition has been filed for this unsigned inventor Name of Inventor Given Name (first and middle [if any]) Family Name or Surname Randall S. Koplin Inventor's Signature Dated Residence: City Chicago State IL Country US Citizenship US Post Office Address 3414 N. Bosworth IL 60657 US City Chicago State Zip Country Name of Inventor A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Condon Jeff R. Dated Inventor's Signature IL US US Residence: City Citizenship Chicago State **Country** Post Office Address 4427 N. Greenview US IL 60640 City Chicago State Zip **Country** A petition has been filed for this unsigned inventor Name of Inventor Given Name (first and middle [if any]) Family Name or Surname Phong Hoang Tran Inventor's Signature **Dated** 04 03. **′**30 an US Residence: City (Valedonia State MI Country Citizenship Post Office Address 1519 Crystalline Dr. Caledonia MI Zip 49316 US City State Country

+

Name of Inventor		A petitio	n has be	en filed for t	this unsi	gned inventor			
David	0 -	Seal							
Inventor's Signature	Duis					Dated 3	1291	04	
Residence: City	Chicago	State	IL	Country	US	Citize	enship)	US
Post Office Address	3829 ½ Fremont #3\	<i>W</i>							
City	Chicago	State	IL	Zip 6	0613	Coun	try	US	

P	lease	type	a	plus	sign	in	this	box:

1	$\overline{}$	_
- 1		- 1
- 1	-	- 1

PTO/SB/02A (3-97)
Approved for use through 6/30/98. OMB 0651-0032
Patent and Trademark Office; US DEPARTMENT OF COMMERCE

Name of Inventor			required to respond to a collection of information unless t displays a valid OMB control number A petition has been filed for this unsigned inventor												
Given Name (first and middle [if any])					Family Name or Surname										
Tomas					Matusaitis										
Inventor's Signature											Dated				
Residence: City	Chicago	Chicago Sta		IL		Countr		US		C	Citizenship		US		
Post Office Address	3041 W. Eastwoo														
City	Chicago	Chicago Sta		IL		Zip		60625		C	Country US				
Name of Inventor															
	rst and middle [if any])				Family Name or Surname										
Randy		Koplin													
Inventor's Signature									D	Dated					
Residence: City	Chicago		State		L	Coun		ry US		C	Citizenship		US		
Post Office Address	3414 N. Bosworth														
City	Chicago		St	ate	IL	Zi	Zip 6		0657		ountry	US			
Name of Inventor	A petition has been filed for this unsigned inventor														
Given Name (first and middle [if any]) Family Name or Sur										urname					
Jeff						Condon									
Inventor's Signature]					Dated					
Residence: City	Chicago	St	State		Country		US		C	Citizenship		US			
Post Office Address	4427 N. Greenview														
City	Chicago		St	ate	IL	Zi	p	6064	10	C	ountry	US			
Name of Inventor		Aŗ	petition has been filed for this u						signed inventor						
Given Name (first and middle [if any])					Family Name or Surname										
Phong Hoang			Tran												
Inventor's Signature	1 -						D	Dated							
Residence: City	Calendonia	lonia		tate	MI	/II Co		intry US		C	Citizenship		US		
Post Office Address	1519 Crystalline I	Dr.													
City	Caledonia		S	tate	MI	2	Zip	493	16	C	ountry	US			
Name of Inventor	\ petiti	tion has been filed for this unsigned inventor													
Given Name (first and middle [if any])					Family Name or Surname										
Jeremy						Moog									
Inventor's Signature	In						Dated 9/23/05								
Residence: City	Ada			State	N	1 I	Cou	ıntry	US		Citizens	ship	US		
Post Office Address	10058 East Fulto														
City	Ada			State	: N	1 I	Zip	4	9301		Countr	y	US		